

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application.

1. (Currently Amended) Signal processing apparatus ~~(100)~~, comprising:
tuning means ~~(10)~~ for tuning an RF signal to generate an IF signal;
first filtering means ~~(20)~~ for filtering said IF signal to generate a filtered IF signal;
AGC detecting means ~~(30)~~ for enabling generation of an AGC signal for said
tuning means ~~(10)~~ responsive to said filtered IF signal; and
wherein said AGC detecting means ~~(30)~~ includes second filtering means ~~(35)~~ for
attenuating a predetermined carrier frequency.
2. (Currently Amended) The signal processing apparatus ~~(100)~~ of claim 1,
wherein said IF signal is between 41 and 47 MHz.
3. (Currently Amended) The signal processing apparatus ~~(100)~~ of claim 1,
wherein said first filtering means ~~(20)~~ includes a SAW filter.
4. (Currently Amended) The signal processing apparatus ~~(100)~~ of claim 1,
wherein said predetermined carrier frequency corresponds to an analog sound carrier
frequency.
5. (Currently Amended) The signal processing apparatus ~~(100)~~ of claim 1,
wherein said predetermined carrier frequency corresponds to approximately 47.25 MHz.
6. (Currently Amended) The signal processing apparatus ~~(100)~~ of claim 1,
wherein said second filtering means ~~(35)~~ includes a ceramic resonator tuned to shunt said
predetermined carrier frequency.

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7. (Currently Amended) A method ~~(400)~~ for providing AGC, comprising steps of:

using a tuner to tune an RF signal to generate an IF signal ~~(410)~~;
filtering said IF signal to generate a filtered IF signal ~~(420)~~;
generating an AGC signal responsive to said filtered IF signal, wherein said generating step includes attenuating a predetermined carrier frequency ~~(430)~~; and
providing said AGC signal to said tuner ~~(440)~~.

8. (Currently Amended) The method ~~(400)~~ of claim 7, wherein said IF signal is between 41 and 47 MHz.

9. (Currently Amended) The method ~~(400)~~ of claim 7, wherein said filtering step includes using a SAW filter.

10. (Currently Amended) The method ~~(400)~~ of claim 7, wherein said predetermined carrier frequency corresponds to an analog sound carrier frequency.

11. (Currently Amended) The method ~~(400)~~ of claim 7, wherein said predetermined carrier frequency corresponds to approximately 47.25 MHz.

12. (Currently Amended) The method ~~(400)~~ of claim 7, wherein said generating step ~~(430)~~ further includes using a ceramic resonator to shunt said predetermined carrier frequency.

13. (Currently Amended) A television signal receiver ~~(400)~~, comprising:
a tuner ~~(10)~~ operative to tune an RF signal to generate an IF signal;
a first filter ~~(20)~~ operative to filter said IF signal to generate a filtered IF signal;
an AGC detector ~~(30)~~ operative to enable generation of an AGC signal for said tuner (10) responsive to said filtered IF signal; and
wherein said AGC detector ~~(30)~~ includes a second filter ~~(35)~~ operative to attenuate a predetermined carrier frequency.

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14. (Currently Amended) The television signal receiver ~~(100)~~ of claim 13, wherein said IF signal is between 41 and 47 MHz.

15. (Currently Amended) The television signal receiver ~~(100)~~ of claim 13, wherein said first filter ~~(20)~~ includes a SAW filter.

16. (Currently Amended) The television signal receiver ~~(100)~~ of claim 13, wherein said predetermined carrier frequency corresponds to an analog sound carrier frequency.

17. (Currently Amended) The television signal receiver ~~(100)~~ of claim 13, wherein said predetermined carrier frequency corresponds to approximately 47.25 MHz.

18. (Currently Amended) The television signal receiver ~~(100)~~ of claim 13, wherein said second filter ~~(35)~~ includes a ceramic resonator tuned to shunt said predetermined carrier frequency.